

ADDENDUM No.01, dated 2012-08-20.

This Addendum shall form part of documents referred to in "Articles of Agreement" as "Plans and Specifications".

The Plans and Specifications are amended as follows:

## **SPECIFICATIONS**

### **VOLUME 1**

#### **ARCHITECTURAL:**

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LIST OF CONTENTS (PDF)	Section 00 01 11
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2012-07-04

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Delete Section "List of Contents (pdf)" dated 2012-07-04, in its entirety and replace with the attached "List of Contents (pdf)" dated 2012-08-20.

### **VOLUME 2**

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LIST OF CONTENTS (PDF)	Section 00 01 11
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2012-07-04

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Delete Section "List of Contents (pdf)" dated 2012-07-04, in its entirety and replace with the attached "List of Contents (pdf)" dated 2012-08-20.

#### **MECHANICAL:**

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HEAT TRACING FOR HVAC PIPING AND TANKS	Section 23 05 33
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2012-07-04

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Add attached Section 23 05 33 - Heat Tracing for HVAC Piping and Tanks, dated 2012-07-04 and consisting of 3 pages.

**ELECTRICAL:**

COMMON WORK RESULTS - FOR ELECTRICAL	Section 26 05 00 2012-07-04
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Add the attached Section 26 05 00 - Common Work Results - for Electrical, dated 2012-07-04 and consisting of 32 pages.

WIRES AND CABLES (0-1000 V)	Section 26 05 21 2012-07-04
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Add the attached Section 26 05 21 - Wires and Cables (0-1000 V), dated 2012-07-04 and consisting of 7 pages.

GROUNDING AND BONDING	Section 26 05 28 2012-07-04
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Add the attached Section 26 05 28 - Grounding and Bonding, dated 2012-07-04 and consisting of 5 pages.

HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS	Section 26 05 29 2012-07-04
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Add the attached Section 26 05 29 - Hangers and Supports for Electrical Systems, dated 2012-07-04 and consisting of 4 pages.

SPLITTERS, JUNCTION, PULL BOXES AND CABINETS	Section 26 05 31 2012-07-04
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Add the attached Section 26 05 31 - Splitters, Junction, Pull Boxes and Cabinets, dated 2012-07-04 and consisting of 3 pages.

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OUTLET BOXES, CONDUIT BOXES AND FITTINGS	Section 26 05 32 2012-07-04
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Add the attached Section 26 05 32 - Outlet Boxes, Conduit Boxes and Fittings, dated 2012-07-04 and consisting of 5 pages.

CONDUITS, CONDUIT FASTENINGS AND CONDUIT FITTINGS	Section 26 05 34 2012-07-04
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Add the attached Section 26 05 34 - Conduits, Conduit Fastenings and Conduit Fittings, dated 2012-07-04 and consisting of 7 pages.

CABLE TRAYS FOR ELECTRICAL SYSTEMS	Section 26 05 36 2012-07-04
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Add the attached Section 26 05 36 - Cable Trays for Electrical Systems, dated 2012-07-04 and consisting of 4 pages.

ELECTRICAL POWER MONITORING AND CONTROL	Section 26 09 13 2012-07-04
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Add the attached Section 26 09 13 - Electrical Power Monitoring and Control, dated 2012-07-04 and consisting of 3 pages.

METERING AND SWITCHBOARD INSTRUMENTS	Sect 26 09 23.01 2012-07-04
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Add the attached Section 26 09 23.01 - Metering and Switchboard Instruments, dated 2012-07-04 and consisting of 4 pages.

LIGHTING CONTROL DEVICES - PHOTOELECTRIC	Sect 26 09 23.02 2012-07-04
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Add the attached Section 26 09 23.02 - Lighting Control Devices - Photoelectric, dated 2012-07-04 and consisting of 3 pages.

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LIGHTING CONTROL DEVICES - LOW VOLTAGE	Section 26 09 24 2012-07-04
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Add the attached Section 26 09 24 - Lighting Control Devices - Low Voltage, dated 2012-07-04 and consisting of 3 pages.

NETWORK LIGHTING CONTROLS	Section 26 09 43 2012-07-04
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Add the attached Section 26 09 43 - Network Lighting Controls, dated 2012-07-04 and consisting of 5 pages.

DRY TYPE TRANSFORMERS UP TO 600 V PRIMARY	Sect 26 12 16.01 2012-07-04
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Add the attached Section 26 12 16.01 - Dry Type Transformers up to 600 V Primary, dated 2012-07-04 and consisting of 4 pages.

SERVICE ENTRANCE BOARD	Section 26 24 02 2012-07-04
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Add the attached Section 26 24 02 - Service Entrance Board, dated 2012-07-04 and consisting of 4 pages.

PANELBOARDS BREAKER TYPE	Sect 26 24 16.01 2012-07-04
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Add the attached Section 26 24 16.01 - Panelboards Breaker Type, dated 2012-07-04 and consisting of 5 pages.

WIRING DEVICES	Section 26 27 26 2012-07-04
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Add the attached Section 26 27 26 - Wiring Devices, dated 2012-07-04 and consisting of 4 pages.

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FUSES - LOW VOLTAGE	Sect 26 28 13.01
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2012-07-04

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Add the attached Section 26 28 13.01 - Fuses - Low Voltage, dated 2012-07-04 and consisting of 3 pages.

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MOULDED CASE CIRCUIT BREAKERS	Sect 26 28 16.02
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2012-07-04

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Add the attached Section 26 28 16.02 - Moulded Case Circuit Breakers, dated 2012-07-04 and consisting of 2 pages.

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GROUND FAULT CIRCUIT INTERRUPTERS - CLASS "A"	Section 26 28 20
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2012-07-04

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Add the attached Section 26 28 20 - Ground Fault Circuit Interrupters - Class "A", dated 2012-07-04 and consisting of 2 pages.

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DISCONNECT SWITCHES	Section 26 28 23
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2012-07-04

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Add the attached Section 26 28 23 - Disconnect Switches, dated 2012-07-04 and consisting of 2 pages.

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CONTROL DEVICES	Section 26 29 03
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2012-07-04

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Add the attached Section 26 29 03 - Control Devices, dated 2012-07-04 and consisting of 4 pages.

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MOTOR STARTERS AND CONTROLS	Section 26 29 10
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2012-07-04

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Add the attached Section 26 29 10 - Motor Starters and Controls, dated 2012-07-04 and consisting of 6 pages.

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STATIC UNINTERRUPTIBLE POWER SUPPLY	Section 26 33 53  2012-07-04
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Add the attached Section 26 33 53 - Static Uninterruptible Power Supply, dated 2012-07-04 and consisting of 21 pages.

MANUAL TRANSFER SWITCHES	Section 26 36 23  2012-07-04
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Add the attached Section 26 36 23 - Manual Transfer Switches, dated 2012-07-04 and consisting of 4 pages.

LIGHTING	Section 26 50 00  2012-07-04
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Add the attached Section 26 50 00 - Lighting, dated 2012-07-04 and consisting of 9 pages.

UNIT EQUIPMENT FOR EMERGENCY LIGHTING	Sect 26 52 00.01  2012-07-04
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Add the attached Section 26 52 00.01 - Unit Equipment for Emergency Lighting, dated 2012-07-04 and consisting of 2 pages.

EXIT LIGHTS	Section 26 53 00  2012-07-04
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Add the attached Section 26 53 00 - Exit Lights, dated 2012-07-04 and consisting of 3 pages.

CONNECTIONS TO MECHANICAL EQUIPMENT	Section 26 95 00  2012-07-04
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Add the attached Section 26 95 00 - Connections to Mechanical Equipment, dated 2012-07-04 and consisting of 3 pages.

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STARTING OF ELECTRICAL EQUIPMENT AND SYSTEMS	Section 26 96 00  2012-07-04
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Add the attached Section 26 96 00 - Starting of Electrical Equipment and Systems, dated 2012-07-04 and consisting of 1 page.

TESTING, ADJUSTING & BALANCING OF ELECTRICAL EQUIPMENT AND SYSTEMS	Section 26 98 00  2012-07-04
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Add the attached Section 26 98 00 - Testing, Adjusting & Balancing of Electrical Equipment and Systems, dated 2012-07-04 and consisting of 4 pages.

COMMUNICATIONS SERVICES	Section 27 05 00  2012-07-04
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Add the attached Section 27 05 00 - Communications Services, dated 2012-07-04 and consisting of 4 pages.

GROUNDING AND BONDING FOR COMMUNICATIONS SYSTEMS	Section 27 05 26  2012-07-04
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Add the attached Section 27 05 26 - Grounding and Bonding for Communications Systems, dated 2012-07-04 and consisting of 4 pages.

PATHWAYS FOR COMMUNICATIONS SYSTEMS	Section 27 05 28  2012-07-04
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Add the attached Section 27 05 28 - Pathways for Communications Systems, dated 2012-07-04 and consisting of 3 pages.

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STRUCTURED CABLING FOR COMMUNICATIONS SYSTEMS	Section 27 11 19  2012-07-04
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Add the attached Section 27 11 19 - Structured Cabling for Communications Systems, dated 2012-07-04 and consisting of 11 pages.

Public Address and Mass Notification System	Section 27 51 16  2012-07-04
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Add the attached Section 27 51 16 - Public Address and Mass Notification System, dated 2012-07-04 and consisting of 6 pages.

ACCESS CONTROL	Section 28 13 00  2012-07-04
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Add the attached Section 28 13 00 - Access Control, dated 2012-07-04 and consisting of 13 pages.

SECURITY DOOR SUPERVISION	Section 28 13 27  2012-07-04
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Add the attached Section 28 13 27 - Security Door Supervision, dated 2012-07-04 and consisting of 3 pages.

MULTIPLEX FIRE ALARM SYSTEM	Sect 28 31 01.01  2012-07-04
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Add the attached Section 28 31 01.01 - Multiplex Fire Alarm System, dated 2012-07-04 and consisting of 17 pages.



**STRUCTURAL:**

PILE TESTS	Sect 31 09 16.28
	2012-07-04

Add the attached Section 31 09 16.28 - Pile Tests, dated 2012-07-04 and consisting of 2 pages.

PILE FOUNDATIONS, GENERAL REQUIREMENTS	Section 31 61 13
	2012-07-04

Add the attached Section 31 61 13 - Pile Foundations, General Requirements, dated 2012-07-04 and consisting of 3 pages.

DRILLED MICROPILES	Section 31 63 33
	2012-07-04

Add the attached Section 31 63 33 - Drilled Micropiles, dated 2012-07-04 and consisting of 10 pages.

**CIVIL:**

ROUGH GRADING	Section 31 22 13
	2012-07-04

Add the attached Section 31 22 13 - Rough Grading, dated 2012-07-04 and consisting of 3 pages.

EXCAVATING, TRENCHING AND BACKFILLING	Section 31 23 10
	2012-07-04

Add the attached Section 31 23 10 - Excavating, Trenching and Backfilling, dated 2012-07-04 and consisting of 9 pages.

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GRANULAR BASE

Section 32 11 20

2012-07-04

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Add the attached Section 32 11 20 - Granular Base, dated 2012-07-04 and consisting of 2 pages.

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GRANULAR SUB-BASE

Section 32 11 24

2012-07-04

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Add the attached Section 32 11 24 - Granular Sub-base, dated 2012-07-04 and consisting of 2 pages.

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ASPHALTIC CONCRETE  
PAVING

Section 32 12 17

2012-07-04

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Add the attached Section 32 12 17 - Asphaltic Concrete Paving, dated 2012-07-04 and consisting of 4 pages.

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TOPSOIL PLACEMENT AND  
GRADING

Sect 32 91 19.13

2012-07-04

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Add the attached Section 32 91 19.13 - Topsoil Placement and Grading, dated 2012-07-04 and consisting of 5 pages.

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HYDRAULIC SEEDING

Sect 32 92 19.16

2012-07-04

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Add the attached Section 32 92 19.16 - Hydraulic Seeding, dated 2012-07-04 and consisting of 5 pages.

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MAINTENANCE HOLES AND  
CATCH BASINS

Section 33 05 14

2012-07-04

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Add the attached Section 33 05 14 - Maintenance Holes and Catch Basins, dated 2012-07-04 and consisting of 4 pages.

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	SITE WATER UTILITY DISTRIBUTION PIPING	Section 33 11 17  2012-07-04
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Add the attached Section 33 11 17 - Site Water Utility Distribution Piping, dated 2012-07-04 and consisting of 13 pages.

	SANITARY SEWERS	Section 33 34 02  2012-07-04
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Add the attached Section 33 34 02 - Sanitary Sewers, dated 2012-07-04 and consisting of 5 pages.

	STORM SEWERS	Section 33 44 01  2012-07-04
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Add the attached Section 33 44 01 - Storm Sewers, dated 2012-07-04 and consisting of 4 pages.

Add the attached "Geotechnical Investigation Report Fifty Bed Housing Unit, Pittsburgh Institution, Joyceville, Ontario" dated September 21, 2011, prepared by DBA Engineering Ltd., and consisting of 52 pages.

End of Addendum No.01 dated 2012-08-20  
consisting of 13 pages and the following documents:

Specifications:

- Section 00 01 11 - List of Contents (pdf) (5 pages)
- Section 23 05 33 - Heat Tracing for HVAC Piping and Tanks, (3 pages)
- Section 26 05 00 - Common Work Results - for Electrical, (32 pages)
- Section 26 05 21 - Wires and Cables (0-1000 V), (7 pages)
- Section 26 05 28 - Grounding and Bonding, (5 pages)
- Section 26 05 29 - Hangers and Supports for Electrical Systems, (4 pages)
- Section 26 05 31 - Splitters, Junction, Pull Boxes and Cabinets, (3 pages)
- Section 26 05 32 - Outlet Boxes, Conduit Boxes and Fittings, (5 pages)
- Section 26 05 34 - Conduits, Conduit Fastenings and Conduit Fittings, (7 pages)
- Section 26 05 36 - Cable Trays for Electrical Systems, (4 pages)

Section 26 09 13 - Electrical Power Monitoring and Control, (3 pages)  
 Section 26 09 23.01 - Metering and Switchboard Instruments, (4 pages)  
 Section 26 09 23.02 - Lighting Control Devices - Photoelectric  
 (3 pages)  
 Section 26 09 24 - Lighting Control Devices - Low Voltage, (3 pages)  
 Section 26 09 43 - Network Lighting Controls, (5 pages)  
 Section 26 12 16.01 - Dry Type Transformers up to 600 V Primary,  
 (4 pages)  
 Section 26 24 02 - Service Entrance Board, (4 pages)  
 Section 26 24 16.01 - Panelboards Breaker Type, (5 pages)  
 Section 26 27 26 - Wiring Devices, (4 pages).  
 Section 26 28 13.01 - Fuses - Low Voltage, (3 pages)  
 Section 26 28 16.02 - Moulded Case Circuit Breakers, (2 pages)  
 Section 26 28 20 - Ground Fault circuit Interrupters - Class "A",  
 (2 pages)  
 Section 26 28 23 - Disconnect Switches, (2 pages)  
 Section 26 29 03 - Control Devices, (4 pages)  
 Section 26 29 10 - Motor Starters and Controls, (6 pages)  
 Section 26 33 53 - Static Uninterruptible Power Supply, (21 pages)  
 Section 26 36 23 - Manual Transfer switches, (4 pages)  
 Section 26 50 00 - Lighting, (9 pages)  
 Section 26 52 00.01 - Unit Equipment for Emergency Lighting, (2 pages)  
 Section 26 53 00 - Exit Lights, (3 pages)  
 Section 26 95 00 - Connections to Mechanical Equipment, (3 pages)  
 Section 26 96 00 - Starting of Electrical Equipment and Systems,  
 (1 page)  
 Section 26 98 00 - Testing, Adjusting & Balancing of Electrical  
 Equipment and Systems, (4 pages)  
 Section 27 05 00 - Communications Services, (4 pages)  
 Section 27 05 26 - Grounding and Bonding for Communications Systems,  
 (4 pages)  
 Section 27 05 28 - Pathways for Communications Systems, (3 pages)  
 Section 27 11 19 - Structured cabling for Communications Systems,  
 (11 pages)  
 Section 27 51 16 - Public Address and Mass Notification System,  
 (6 pages)  
 Section 28 13 00 - Access Control, (13 pages)  
 Section 28 13 27 - Security Door Supervision, (3 pages)  
 Section 28 31 01.01 - Multiplex Fire Alarm System, (17 pages)  
 Section 31 09 16.28 - Pile Tests, (2 pages)  
 Section 31 61 13 - Pile Foundations, General Requirements, (3 pages)  
 Section 31 63 33 - Drilled Micropiles, (10 pages)  
 Section 31 22 13 - Rough Grading, (3 pages)  
 Section 31 23 10 - Excavating, Trenching and Backfilling, (9 pages)  
 Section 32 11 20 - Granular Base, (2 pages)  
 Section 32 11 24 - Granular Sub-base, (2 pages)  
 Section 32 12 17 - Asphaltic Concrete Paving, (4 pages)

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Section 32 91 19.13 - Topsoil Placement and Grading, (5 pages)  
 Section 32 92 19.16 - Hydraulic Seeding, (5 pages)  
 Section 33 05 14 - Maintenance Holes and Catch Basins, (4 pages)  
 Section 33 11 17 - Site Water Utility Distribution Piping, (13 pages)  
 Section 33 34 02 - Sanitary Sewers, (5 pages)  
 Section 33 44 01 - Storm Sewers, (4 pages)

"Geotechnical Investigation Report, Fifty Bed Housing Unit, Pittsburgh  
 Institution, Joyceville, Ontario" (52 pages).